

CWDM Mux Demux Module in ABS Box

This Coarse Wavelength Division Multiplexing (CWDM) Mux Demux module is designed for telecommunication applications. The module is housed in a durable ABS box, providing robust protection for the internal components.



Product Overview

High-Performance CWDM Solution

This Coarse Wavelength Division Multiplexing (CWDM) Mux-Demux module is designed to optimize network capacity by enabling the multiplexing and demultiplexing of multiple wavelengths over a single optical fiber. Utilizing advanced thin film coating technology and non-flux metal bonding micro-optics, this unit ensures high stability, low insertion loss, and excellent channel isolation. Housed in a durable ABS box, it is an ideal solution for expanding bandwidth in telecommunications, FTTx, and enterprise network infrastructures.

Technical Specifications

Channel Capacity	18 channels
Wavelength Range	1270nm to 1610nm
Package Type	ABS Box
Optical Path Features	Epoxy-free, Low Insertion Loss, High Channel Isolation, Wide Pass Band

Performance Metrics

Performance Highlights

18 ch Max Channels	1610 nm Max Wavelength
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Applications

Supported Network Protocols

- Gigabit Ethernet
- 10G Ethernet
- SDH/SONET
- ATM
- ESCON
- Fibre Channel
- FTTx
- CATV

Industry Applications

Line Monitoring • WDM Network • Telecommunication • Cellular Application • Fiber Optical Amplifier • Access Network